

TMH/DAG:jam 01/26/06 464757 S98014F
PATENT

Attorney Reference Number 7158-71253-12
Application Number 10/716,379

LISTING OF CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application:

1-3. (Canceled).

4. (Currently amended) A method for determining whether a composition ~~modulates~~inhibits the activity of a Pin1 activity~~protein having the amino acid sequence set forth in SEQ ID NO: 2~~, said method comprising:
incubating the composition with a Pin1 protein having the amino acid sequence set forth in SEQ ID NO: 2 or a functional fragment thereof, wherein the functional fragment of the Pin1 protein has protein-protein interaction activity and/or peptidyl prolyl isomerase activity, or with a recombinant cell expressing the Pin1 protein or a functional fragment thereof, under conditions sufficient to allow the ~~components~~composition to interact with the Pin1 protein or functional fragment thereof; and
determining the effect of the composition on the Pin1 protein activity.

5-8. (Canceled).

9. (Currently amended) The method of claim 4, wherein the Pin1 protein activity is protein-protein interaction.

10. (Currently amended) The method of claim 4, wherein the Pin1 protein activity is peptidyl-prolyl isomerase activity.

11-15. (Canceled).

16. (Currently amended) The method of ~~claim 13~~claim 4, wherein the functional fragment comprises at least amino acid residues 59-163 of SEQ ID NO: 2.

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17. **(Currently amended)** The method of ~~claim 13~~claim 4, wherein the functional fragment comprises at least amino acid residues 5-43 of SEQ ID NO: 2.

18-19. **(Canceled)**.

20. **(New)** The method of claim 9, wherein the Pin1 protein activity is the binding of the Pin1 protein to a functional fragment of NIMA.

21. **(New)** The method of claim 10, wherein the peptidyl prolyl isomerase activity is not inhibited by cyclosporine A or FK520.